

PATENT

Case Docket No. BROAD.028A

Date: February 26, 2004

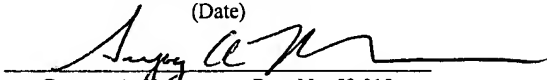
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Larry West
Appl. No. : 10/723,168
Filed : November 26, 2003
For : INTEGRATED BIO-REACTOR
MONITOR AND CONTROL
SYSTEM
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 26, 2004

(Date)


Gregory A. Hermanson, Reg. No. 53,018


TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing forty-three (43) references, thirty-seven (37) of which are enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Gregory A. Hermanson
Registration No. 53,018
Attorney of Record
Customer No. 20,995
(619) 235-8550



INFORMATION DISCLOSURE STATEMENT

Applicant : Larry West
App. No. : 10/723,168
Filed : November 26, 2003
For : INTEGRATED BIO-REACTOR
MONITOR AND CONTROL SYSTEM
Examiner : Unknown
Group Art Unit : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing forty-three (43) references, thirty-seven (37) of which are enclosed. Copies of disclosed U.S. patents are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: February 26, 2004

By: Gregory A. Hermanson
Gregory A. Hermanson
Registration No. 53,018
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
BROAD.028AAPPLICATION NO.
10/723,168INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Larry WestFILING DATE
November 26, 2003GROUP
Unknown

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|---|-----------------|---------|----------------------|-------|----------|---------------------------------|
| | 1 | 5,330,915 | 07/1994 | Wilson, et al. | | | |
| | 2 | 5,587,298 | 12/1996 | Horigane, et al. | | | |
| | 3 | 5,629,202 | 05/1997 | Su, et al. | | | |
| | 4 | 6,048,721 | 04/2000 | Armstrong, et al. | | | |
| | 5 | 6,174,720 | 01/2001 | Oxley, et al. | | | |
| | 6 | 6,197,573 | 03/2001 | Suryanarayan, et al. | | | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | |
|---------------------|--|---|
| | 7 | (Publication/Brochure) "Bioreactor Control System," Broadley James Corporation, Broadley-James® BioNet™, L0016B 06/2003, pp. 1-8. |
| | 8 | (Publication/Brochure) "The DeltaV System – Built for Batch," Emerson Process Management. (Copyright 2001), pp. 1-17. |
| | 9 | (Publication/Brochure) "The DeltaV System – System Overview," Emerson Process Management. (Copyright 2001), pp. 1-25. |
| | 10 | (Publication) FermWorks™, "Accelerating Biotechnology Research and Development", (Copyright 2002, Wireworks West, Inc.) pp. 1-4 |
| | 11 | (Website printout: www.wireworkswest.com) WireWorks West, "Software Products / FermWorks™ 1.1 Features and Benefits", (printed 8/25/03) pp. 1-3. |
| | 12 | (Website printout: www.wireworkswest.com) WireWorks West, "Software Products / Complete FermWorks™ Integration, (printed 8/25/03) pp. 1-2. |
| | 13 | (Website printout: www.nbsc.com) BioFlo 3000®, "Autoclavable Fermentor and Bioreactor (1-1/4 – 10 Liters)", printed 8/25/03, pp 1-8. |
| | 14 | (Website printout: www.nbsc.com) (product specs.) BioFlo® 110 FERMENTOR/BIOREACTOR SPECIFICATIONS, New Brunswick Scientific Co., Inc., (printed 08/25/03) pp. 1-2. |
| | 15 | (Website printout: www.nbsc.com) (product specs.) BioFlo® 110 FERMENTOR & BIOREACTOR (1.3 – 14 L Total Volume), New Brunswick Scientific Co., Inc., printed 2/26/04, Copyright 1997-2003, pp. 1-3. |
| | 16 | (Course Publication from PlantWeb University, Emerson Process Management), "Buses 101, Field Level Networks," (Copyright 2002 Emerson Process Management), pp. 1-5. |
| | 17 | (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 101", Introduction to Foundation Fieldbus," (Copyright 2002 Emerson Process Management), pp. 1-6. |
| | 18 | (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 404", Segment Design," (Copyright 2002 Emerson Process Management), pp. 1-6. |
| | 19 | (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 403", Control Design," (Copyright 2002 Emerson Process Management), pp. 1-5. |

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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|---|--|----------------------------------|-------------------------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. BROAD.028A | APPLICATION NO. 10/723,168 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANT Larry West | |
| | | FILING DATE November 26, 2003 | GROUP Unknown |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|--|
| | 20 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 303", Segment Hardware," (Copyright 2002 Emerson Process Management), pp. 1-6. |
| | 21 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 302", Network Wiring Options," (Copyright 2002 Emerson Process Management), pp. 1-7. |
| | 22 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 301", Network Wiring Fundamentals," (Copyright 2002 Emerson Process Management), pp. 1-6. |
| | 23 (Course Publication from PlantWeb University, Emerson Process Management), "Fieldbus 102", Fieldbus Communications," (Copyright 2002 Emerson Process Management), pp. 1-8. |
| | 24 (Website printout: BioCommand® Software Packages) "Convenience. Control. Advanced Capability, BioCommand Plus," (printed 8/25/03) pp. 1-4. |
| | 25 (Website Publication www.prweb.com: PRWeb™, The Free Wire Service) "Bioreactor Automation Software Accelerates the Durg Discovery Process", Released September 12, 2002, pp. 1-2. |
| | 26 (Publication: WAVE BIOREACTOR) Disposable Cell Culture Technology From WAVE Biotech Brochure, (printed 8/25/03) pp. 1-8. |
| | 27 (Website printout: www.nbsc.com) (product specs.) Fermentation & Cell Culture Systems, printed 08/25/03, pp. 1-2. |
| | 28 (Publication) Brian Pumphrey, et al., "An Introduction to Fermentation", <i>Fermentation Basics</i> , New Brunswick Scientific (UK and The Netherlands) May, 1996, pp. 1-24. |
| | 29 (Publication) Technical Overview, FOUNDATION™ fieldbus, "Freedom to Choose. Power to Integrate." Fieldbus Foundation, (Copyright 1996 Rev. 1998, 2003), pp. 1-36. |
| | 30 (Publication - DeltaV™, "Whitepaper, Embedded Advanced Control" (January 2002), Emerson™ Process Management publication, pp. 1-4. |
| | 31 (Publication - DeltaV™, "Product Data Sheet, Configuration Software Suite" (June 2003), Emerson™ Process Management publication, pp. 1-8. |
| | 32 (Publication - DeltaV™, "Product Data Sheet, DeltaV Operate" (June 2003), Emerson™ Process Management publication, pp. 1-9. |
| | 33 (Publication - DeltaV™, "Whitepaper, DeltaV System Ease of Use" (January 2002), Emerson™ Process Management publication, pp. 1-11. |
| | 34 (Publication - DeltaV™, "Product Data Sheet, Fieldbus H1 Carrier" (May 2003), Emerson™ Process Management publication, pp. 1-3. |
| | 35 (Publication - DeltaV™, "Product Data Sheet, Foundation Fieldbus in the DeltaV System" (May 2002), Emerson™ Process Management publication, pp. 1-8. |
| | 36 (Publication - DeltaV™, "Product Data Sheet, Foundation Fieldbus I/O" (June 2002), Emerson™ Process Management publication, pp. 1-15. |
| | 37 (Publication - DeltaV™, "Whitepaper, Controller Redundancy" (January 2002), Emerson™ Process Management publication, pp. 1-8. |
| | 38 (Publication - DeltaV™, "Product Data Sheet, Foundation Fieldbus I/O Redundancy" (June 2002), Emerson™ Process Management publication, pp. 1-5. |
| | 39 (Publication - DeltaV™, "Whitepaper, Buses and the DeltaV System" (January 2002), Emerson™ Process Management publication, pp. 1-8. |
| | 40 (Publication) TECHNOLOGY – Technical Description Overview, (Copyright 2001 PROFIBUS International) p. 1. |
| | 41 (Publication: DCC ONLINE, Introduction, Chptr. 2), Chapter 2, "Control Response", (printed 8/25/03) pp. 1-5. |

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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
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| 42 | (Publication: BioNet™ Data Sheet) "Controller" L3227 03/2003, Broadley James Corporation, (printed 8/25/03) p. 1. |
| 43 | (Publication, www.buscom.com – Online printout) BCC, C-086 THE CHANGING BIOREACTOR BUSINESS by Cort Wrotnowsky, Project Analyst, (printed 2/26/04) pp. 1-13. |

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